Adrian Ghilardi

List of Publications by Year
in descending order

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42 papers	1,513 citations	361045 20 h-index	329751 37 g-index
44 all docs	44 docs citations	44 times ranked	1691 citing authors

#	Article	IF	Citations
1	The carbon footprint of traditional woodfuels. Nature Climate Change, 2015, 5, 266-272.	8.1	323
2	Dispelling common misconceptions to improve attitudes and policy outlook on charcoal in developing countries. Energy for Sustainable Development, 2013, 17, 75-85.	2.0	116
3	WISDOM: A GIS-based supply demand mapping tool for woodfuel management. Biomass and Bioenergy, 2006, 30, 618-637.	2.9	104
4	Remote sensing of forest degradation: a review. Environmental Research Letters, 2020, 15, 103001.	2.2	87
5	Quantification of Carbon Savings from Improved Biomass Cookstove Projects. Environmental Science & Technology, 2009, 43, 2456-2462.	4.6	85
6	Environmental Burden of Traditional Bioenergy Use. Annual Review of Environment and Resources, 2015, 40, 121-150.	5.6	83
7	A GIS-based methodology for highlighting fuelwood supply/demand imbalances at the local level: A case study for Central Mexico. Biomass and Bioenergy, 2009, 33, 957-972.	2.9	53
8	Spatial analysis of residential fuelwood supply and demand patterns in Mexico using the WISDOM approach. Biomass and Bioenergy, 2007, 31, 475-491.	2.9	52
9	Operationalizing the Definition of Forest Degradation for REDD+, with Application to Mexico. Forests, 2014, 5, 1653-1681.	0.9	51
10	Potential greenhouse gas benefits of transatlantic wood pellet trade. Environmental Research Letters, 2014, 9, 024007.	2.2	51
11	Getting the numbers right: revisiting woodfuel sustainability in the developing world. Environmental Research Letters, 2017, 12, 115002.	2.2	43
12	Sustainable bioenergy options for Mexico: GHG mitigation and costs. Renewable and Sustainable Energy Reviews, 2015, 43, 545-552.	8.2	39
13	Spatial and temporal projection of fuelwood and charcoal consumption in Mexico. Energy for Sustainable Development, 2014, 19, 39-46.	2.0	31
14	Estimating the spatial distribution of woody biomass suitable for charcoal making from remote sensing and geostatistics in central Mexico. Energy for Sustainable Development, 2013, 17, 177-188.	2.0	30
15	Sprouting productivity and allometric relationships of two oak species managed for traditional charcoal making in central Mexico. Biomass and Bioenergy, 2012, 36, 192-207.	2.9	29
16	Diffusion of non-traditional cookstoves across western Honduras: A social network analysis. Energy Policy, 2014, 66, 379-389.	4.2	26
17	Promoting LPG, clean woodburning cookstoves or both? Climate change mitigation implications of integrated household energy transition scenarios in rural Mexico. Environmental Research Letters, 2018, 13, 115004.	2.2	26
18	Dealing with locally-driven degradation: A quick start option under REDD+. Carbon Balance and Management, 2011, 6, 16.	1.4	24

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19	What role will charcoal play in the coming decades? Insights from up-to-date findings and reviews. Energy for Sustainable Development, 2013, 17, 73-74.	2.0	23
20	Charcoal contribution to wealth accumulation at different scales of production among the rural population of Mutomo District in Kenya. Energy for Sustainable Development, 2016, 33, 167-175.	2.0	23
21	Spatiotemporal modeling of fuelwood environmental impacts: Towards improved accounting for non-renewable biomass. Environmental Modelling and Software, 2016, 82, 241-254.	1.9	23
22	A Suite of Tools for Assessing Thematic Map Accuracy. Geography Journal, 2014, 2014, 1-10.	0.8	20
23	Unprecedented plant species loss after a decade in fragmented subtropical Chaco Serrano forests. PLoS ONE, 2018, 13, e0206738.	1.1	18
24	Limitations of WRF land surface models for simulating land use and land cover change in Sub-Saharan Africa and development of an improved model (CLM-AF v. 1.0). Geoscientific Model Development, 2021, 14, 3215-3249.	1.3	18
25	Energy access and the ultra-poor: Do unconditional social cash transfers close the energy access gap in Malawi?. Energy for Sustainable Development, 2021, 60, 102-112.	2.0	16
26	Patterns of distribution of nine Quercus species along an environmental gradient in a fragmented landscape in central Mexico. Botanical Sciences, 2016, 94, 471-482.	0.3	16
27	Perceptions of stakeholders about nontraditional cookstoves in Honduras. Environmental Research Letters, 2012, 7, 044036.	2.2	15
28	Potential environmental benefits from woodfuel transitions in Haiti: Geospatial scenarios to 2027. Environmental Research Letters, 2018, 13, 035007.	2.2	12
29	Assessing forest cover change in Mexico from annual MODIS VCF data (2000â€“2010). International Journal of Remote Sensing, 2018, 39, 7901-7918.	1.3	11
30	Fuelwood use patterns in Rural Mexico: a critique to the conventional energy transition model. Historia Agraria, 2019, , 81-104.	0.3	11
31	Validation of MODIS Vegetation Continuous Fields for monitoring deforestation and forest degradation: two cases in Mexico. Geocarto International, 2016, 31, 1019-1031.	1.7	9
32	An integrated framework for harmonizing definitions of deforestation. Environmental Science and Policy, 2021, 115, 71-78.	2.4	9
33	Adapting REDD+ policy to sink conditions. Forest Policy and Economics, 2017, 80, 160-166.	1.5	8
34	Variables Selection for Aboveground Biomass Estimations Using Satellite Data: A Comparison between Relative Importance Approach and Stepwise Akaikeâ€™s Information Criterion. ISPRS International Journal of Geo-Information, 2019, 8, 245.	1.4	8
35	Ecological Sustainability of Woodfuel as an Energy Source in Rural Communities. , 2012, , 299-325.		5
36	An integrated user-friendly web-based spatial platform for bioenergy planning. Biomass and Bioenergy, 2021, 145, 105939.	2.9	5

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37	Alien ants (Hymenoptera: Formicidae) in Mexico: the first database of records. Biological Invasions, 2021, 23, 1669-1680.	1.2	3
38	Harmonizing Definitions and Methods to Estimate Deforestation at the Lacandona Tropical Region in Southern Mexico. Remote Sensing, 2022, 14, 2319.	1.8	3
39	Validation of MODIS vegetation continuous fields in two areas in Mexico. , 2014, , .		2
40	Using aerial photography to estimate wood suitable for charcoal in managed oak forests. Environmental Research Letters, 2018, 13, 025006.	2.2	2
41	EVALUATION OF ANNUAL MODIS PTC DATA FOR DEFORESTATION AND FOREST DEGRADATION ANALYSIS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 9-13.	0.2	0
42	EVALUATION OF ANNUAL MODIS PTC DATA FOR DEFORESTATION AND FOREST DEGRADATION ANALYSIS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 9-13.	0.2	0